

## INTERNATIONAL SEARCH REPORT

IB2004/052486

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 829 044 A (SONO KOICHI) 27 October 1998 (1998-10-27) column 4, line 5 – column 8, line 15 -----	1-14
X	US 5 276 805 A (HAMAGUCHI ET AL) 4 January 1994 (1994-01-04) column 4, line 61 – column 5, line 16 column 6, line 26 – line 37 -----	1-14
A	US 6 424 385 B1 (KOYAMA NOBORU ET AL) 23 July 2002 (2002-07-23) column 1, line 30 – column 4, line 60 -----	1-14
A	BAE C ET AL, HOME SERVER FOR HOME DIGITAL SERVICE ENVIRONMENTS, June 2003 (2003-06), pages 382-383, XP002314809 the whole document -----	1,11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## • Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

25 January 2005

Date of mailing of the International search report

15/02/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/135801 A1 (TESSMAN GARY ET AL) 26 September 2002 (2002-09-26) abstract; claims 1,7-9,12; figure 5 -----	1-14

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5829044	A	27-10-1998	JP	9044394 A		14-02-1997
US 5276805	A	04-01-1994	JP JP	2690782 B2 3002971 A		17-12-1997 09-01-1991
US 6424385	B1	23-07-2002	WO	9608014 A1		14-03-1996
US 2002135801	A1	26-09-2002	NONE			